

REMARKS

Without conceding the examiner's positions, claims 1, 15-19, 21, and 22 have been cancelled.

Below, the applicant's comments are preceded by related remarks of the examiner set forth in small bold type.

**4. Claims 1, 2, 5-7, 10-17, 19-21, 23, 26, and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fuh et al. (US Patent 6,463,474) and Kahn et al. (US Patent 6,438,575).**

...

**6. As per claim 2, Fuh teaches a user information database for storing user identification (ID) information (Fuh, column 8, lines 30-33, and column 12, lines 26-38); an authentication server for performing authentication based upon the user ID information by using the user information database (Fuh, column 8, lines 25-33, and column 12, lines 26-38) when the user ID information and a uniform resource locators (URLs) (Fuh, column 7, lines 30-40) of a web server are input, and outputting the URLs after performing the authentication (Fuh, column 8, lines 33-37, wherein allowing authorization outputs the URLs.)**

However, Fuh fails to teach the system that processes the contents provided by the web server into a predetermined format, and transmits the processed contents to the portable terminal via a network. Fuh also fails to teach a data server for requesting that the web servers corresponding to respective channel URLs provide the contents when the URLs provided by the authentication server are channel URLs that are of a set of URLs of the web servers that provide contents of a predetermined field, processing the contents provided by the web servers into a predetermined format, and transmitting the processed contents to the portable terminal. Kahn teaches a system that processes contents into corresponding channel URLs (Kahn, column 9 line 65 to column 10 line 19, wherein the content type classification are channel URLs of a predetermined field) to a predetermined format accessible on portable terminals and transmits that format wirelessly to the terminal via the network (Kahn, column 9 line 55 to column 10 line 19, and column 10 lines 51-65.) Kahn also teaches a data server that supplies the corresponding URL channel contents (Kahn, column 10, lines 51-65.)

**It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to have combined Fuh and Kahn to provide a system that processes the contents provided by the web server into a predetermined format, transmits the processed contents to the portable terminal via a network, and a data server for requesting that the web servers corresponding to respective channel URLs provide the contents when the URLs provided by the authentication server are channel URLs that are of a set of URLs of the web servers that provide contents of a predetermined field in the system of Fuh, because doing so would allow internet access to all web sites from an authenticated portable terminal without engineering websites on a case by case**

basis. This is stated as referenced in the art (Khan, column 1, lines 37-41.)

Neither Fuh nor Kahn discloses “a data server for requesting that the web servers corresponding to respective channel URLs provide the contents when the URLs provided by the authentication server are channel URLs that are of a set of URLs of the web servers that provide contents of a predetermined field, binding a plurality of contents respectively provided by the web servers into a single channel, processing the contents of the single channel into a predetermined format, and transmitting the processed contents to the portable terminal,” as recited in amended claim 2. The amendment is supported by, e.g., page 4, lines 18-20, page 5, lines 1-4, page 10, lines 11-15, page 11, lines 2-18, page 13, lines 12-16 of the specification.

Fuh discloses a method and apparatus for network access control, in which authentication is carried out by comparing information identifying a client to authentication information stored in a network device (abstract). Kahn discloses a method for processing contents from network servers according to the type of a wireless terminal and transmitting the contents to the terminal. (col. 9, line 54 to col. 10, line 19) Fuh and Kahn do not disclose or suggest a data server that determines whether URLs are channel URLs that are of a set of URLs of web servers that provide contents of a predetermined field, and binds and transmits a plurality of contents respectively provided by web servers into a single channel.

What is missing in Fuh and Kahn is also not disclosed or suggested in Ronen or Kappel. Ronen discloses a method for performing centralized billing for transactions conducted over the Internet between a user and an Internet Service Provider through an Internet Access Provider. (abstract) Kappel discloses a computer system that processes user registration information. (col. 11, lines 7-30)

For the above reasons, claim 2 is patentable.

Claims 7, 20, and 23 are patentable for at least similar reasons as claim 2.

The dependent claims are patentable for at least the same reasons as the claims on which they depend.

Cancelled claims have been cancelled without prejudice. The applicant reserves the right to pursue those claims in a continuing application.

Applicant : Kazuho Oku  
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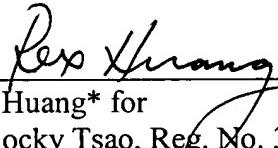
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Any circumstance in which the applicant has addressed certain comments of the examiner does not mean that the applicant concedes other comments of the examiner. Any circumstance in which the applicant has made arguments for the patentability of some claims does not mean that there are not other good reasons for patentability of those claims and other claims. Any circumstance in which the applicant has amended a claim does not mean that the applicant concedes any of the examiner's positions with respect to that claim or other claims.

Enclosed is a \$510.00 check for the Petition for Extension of Time fee. Please apply any other charges or credits to deposit account 06-1050, referencing attorney docket 13280-003001.

Respectfully submitted,

Date: 5/6/2005

  
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\* See attached document certifying that Rex Huang has limited recognition to practice before the U.S. Patent and Trademark Office under 37 CFR § 10.9(b).